



SPANAWAY WATER COMPANY

P.O. BOX 1000 • SPANAWAY, WA 98387-1000

(253) 531-9024 • Fax (253) 539-9526

January 24, 2014

RECEIVED

JAN 30 2014

WA State Department
of Ecology (SWRO)

14 JAN 29 19:10
DEPT. OF ECOLOGY
FISCAL & BUDGET

Mr. Mike Gallagher
Section Supervisor
Water Resources Program
Department of Ecology SWRO
P.O. Box 47775
Olympia, WA 98504-7775

RE: Spanaway Water Company: New Well 11 Non-Additive Application

Dear Mr. Gallagher:

I am writing on behalf of Spanaway Water Company (Spanaway) to submit the attached application for a new non-additive groundwater source/right (Well 11) in the amount of 1500 gpm (Qi) and 900 afy (Qa). As discussed below and in our recent phone conference, Spanaway is proposing that this non-additive application be consolidated with the processing of our pending non-additive wellfield application (G2-30623).

I. Background

As you are aware, Spanaway submitted a non-additive wellfield (umbrella) application (G2-30623) to the Department of Ecology (Ecology) on July 22, 2013. Pursuant to the submittal of the wellfield application, Spanaway and its hydrogeology firm, Robinson Noble, has been modeling various operational and well pumping modes to assess both operational benefits and potential impacts on existing water rights and surface waters (i.e., Phase 1). In the course of this work, Spanaway recently determined that it will be unable to achieve its desired wellfield/operational objectives without the development of a further non-additive well source. Consequently, Spanaway proposes the development of Well 11 to serve as a new, totally non-additive groundwater source.

Although the wellfield application has already been submitted, it has yet to be processed and the Phase 1 study/modeling remains underway. Given this situation, and the close nexus of Well 11 to meeting the operational objectives of Spanaway's wellfield application, Spanaway believes this is an opportune time to submit and seek integration of the Well 11 application into the wellfield application study, modeling, and permitting process. Based on our recent discussion, it is our understanding that you agree with this approach. Thus, we are submitting the Well 11 application and requesting that it be treated as de facto amendment to the wellfield application.

Providing reliable high quality water in an efficient and *'friendly professional'* manner.

18413 'B' Street East • Spanaway, WA

II. Well 11 Application/Processing

As noted above, Spanaway proposes Well 11 to serve as a totally non-additive source with an instantaneous quantity (Q_i of 1500 gpm, and annual quantity (Q_a) of 900 afy. It is our plan to locate Well 11 near Spanaway's shop building and thereby tap the aquifer unit that serves existing Well 8. To achieve this objective, Well 11 will be designed for a 16 inch casing and drilled to a depth of approximately 450 feet. Spanaway does not, however, intend to drill and complete Well 11 until approximately 2022 due to existing capital project financing constraints. Consequently, we are requesting permitting of the source prior to Well 11 drilling and testing, and an eight (8) year construction schedule. As previously discussed, Spanaway records indicate that Ecology has permitted both additive and non-additive Spanaway groundwater rights prior to well drilling and testing. That said, we understand and anticipate that Ecology will include conditions in a Well 11 ROE that address appropriate well testing, monitoring, and data production issues.

Subsequent to the submittal of the Well 11 application and publication, and as noted above, Spanaway will be integrating Well 11 impacts/issues into the on-going Phase 1 (wellfield) operational and hydrogeologic study and modeling effort. It is our hope that a draft Phase 1 report and related operational plan for internal review in mid-February. Following the internal review, we plan to make the draft Phase 1 report available to both Ecology and the Puyallup Tribe (Tribe) and meet with both by the end of February or early March 2014 to respond to any questions or issues that may arise.

Assuming the above review/meeting process is successful in addressing project issues, Spanaway plans to negotiate and execute a Phase 2 scope of work and Contract Reimbursement Agreement (CRA) with Ecology and the Phase 2 contractor in April 2014. As previously discussed, it is Spanaway's desire that the Phase 2 scope of work and related CRA will provide for a consolidated analysis of both the wellfield and Well 11 application issues, resulting in the issuance of a single ROE and permit decision.

In closing, we look forward to working with you on our application and appreciate the assistance you have already provided. If you have any questions or require further information, please feel free to contact me, Burt Clothier at RN (253-475-7711), or our water right counsel, Tom Mortimer (206-447-9036) for assistance.

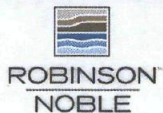
Sincerely,



Jeff Johnson
Manager
Spanaway Water Company

Exhibits

cc: Law Office of T. D. Mortimer
Burt Clothier, Robinson Noble



Note: Image from
ESRI ArcGIS

PM: BGC
January 2014
1882-007A

Pierce County
T 19 N/R 03 W
Scale 1" = 3250'

Proposed Well 11 Location
Spanaway Water Company

RECEIPT

Department of Ecology (4610)
PO Box 47611
Olympia, WA 98504-7611
(360) 407-7095

Receipt Number
Manual Receipt

14CJ012106

Document Number 461S0905 CJ Date 01/30/2014 FM 07

Remitter Name SPANAWAY WATER COMPANY Receipt Name

Check/Draw Number 35504

Document Amount 50.00

Method of Payment Check

Comment Description WATER RIGHTS - SWRO

REF DOC NR	REF DOC SFX	INV NR	ID NR	SUB ID NR	T C	R	FUND	MAJ GRP	MAG SRC	SUB SRC	CNTY	WORK CLS	PIC	AI	ORG	PRJ	SUB PRJ	PRJ PHS	SUB OBJ	SUB SUB OBJ	VAR GL	SUB DR	SID CR	SUB SID	ALLOC AMT
					001		001	02	85	000011															50.00

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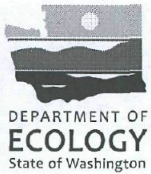
JAN 30 2014

WA State Department
of Ecology (SWRO)

Department of Ecology

JAN 29 2014

Water Resources Program



Application for a Water Right Permit

For Ecology Use
(Date Stamp)

Follow the attached instructions. Attach additional sheets as necessary.

- ☒ GROUND WATER ☐ SURFACE WATER
☐ PERMANENT ☐ SHORT TERM ☐ TEMPORARY
☐ DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT

- ☐ I have participated in a pre-application conference with Ecology.

Applicant/Business Name: Spanaway Water Company	Phone No: 253-531-9024	Other No:
Address: P.O. Box 1000/18413 B St. East, Spanaway, WA 98387		
City: Spanaway	State: WA	Zip: 98387
Email Address (if available): jnjohnson@spanaway-water.org		

Contact Name (if different from above): Jeff Johnson	Phone No: 253-875-5230	Other No: 253-531-9024
Relationship to Applicant: Manager		
Address: Same as Above		
City: Same as above	State:	Zip:
Email Address (if available): jnjohnson@spanaway-water.org		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Spanaway Water Company/Spanaway Municipal Water System Service Area as described in most recently approved (2010) water system plan.	Phone No:	Other No:
Address: Same as above		
City:	State:	Zip:
Email Address (if available):		

For Ecology Use	APPLICATION NO: _____		SEPA: Exempt/Not Exempt	
	Fee Paid: _____	Check No: _____	ECY Coding: 001-001-WR1-0285-000011	
Date Returned _____	By _____	Priority Date _____	By _____	WRIA: _____
Pre-application interviewer: _____				

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Briefly describe the purpose of your proposed project: Spanaway Water Company (Spanaway) seeks to permit a new, completely non-additive well source (Well 11) to provide increased operational and fire flow reliability for the Spanaway water system. This application is intended to be processed as an amendment to Spanaway's pending umbrella/wellfield application (G2-30623). To this end, Spanaway intends to integrate information/issues relating to Well 11 into the ongoing hydrogeologic investigation and modeling effort pertaining to the Wellfield application (i.e., Phase 1 work), integrate related Phase 1 findings/information in the the scope of work for the Wellfield Phase 2 Cost Reimbursement Agreement (CRA), and seek issuance of a single/consolidated Report of Examination (ROE) that addresses both the pending Wellfield (umbrella) and Well 11 applications.. Spanaway seeks an eight (8) year construction schedule to complete Well 11 due to capital project financing constraints. Consequently, Spanaway is requesting issuance of a permit for Well 11 prior to well drilling and testing.

Anticipated length of time to complete your project: 8 years (see above)

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only) <input type="checkbox"/> Cubic Feet per Second (CFS) <input checked="" type="checkbox"/> Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
Municipal Water Supply	1500	900	Continuously
TOTAL:	1500 gpm	900 afy	

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐ YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ____/____/____ TO: ____/____/____

Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____
Source Name: _____	Well diameter & depth: <u>16 inch diameter/425 feet</u>
Tributary to: _____	Number of proposed points of withdrawal: <u>1</u>
Number of proposed diversion points: _____	Do you have an existing well? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test. Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
0319334075	NW	SE	33	19	3E	Pierce
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: _____ Feet (<input type="checkbox"/> North/ <input type="checkbox"/> South) and _____ feet (<input type="checkbox"/> East/ <input type="checkbox"/> West) from the (<input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> ____) corner of Section_____.						
Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: _____ feet (<input type="checkbox"/> North/ <input type="checkbox"/> South) and _____ feet (<input type="checkbox"/> East/ <input type="checkbox"/> West) from the (<input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> ____) corner of Section_____.						

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Area Served Spanaway Water Company as described in Dept. of Health Approved Water System Plan, including all interties.

¼	¼	Section	Twp.	Range	County	Parcel No.
					Pierce	

Do you own all the lands on which the proposed place of use is located? ☐ YES ☒ NO.

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Provide owner name(s), address, and phone number: Not Applicable: Water from Well 11 will be beneficially used within Spanaway's service area as described in its most recently approved water system plan.

Are there any other water rights or claims associated with this property or water system? ☒ YES ☐ NO

If yes, provide the water right and/or claim numbers: Please see Exhibit 2

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

Spanaway Water Company is a Group A, municipal water supply system that holds thirteen (13) additive water rights and one non-additive water right that withdraw water from eleven (11) groundwater wells located within the Chambers-Clover Creek Watershed (WRIA 12). Spanaway has a total authorized additive annual quantity (Qa) of 4,067.5 afy and a total additive instantaneous quantity (Qi) of 11,007 gpm. As noted in the (attached) self-assessment, several of the Spanaway's additive water rights also include non-additive quantities. All of the water rights held by Spanaway are designated for municipal purposes. The non-additive water quantities requested under this water right application would be withdrawn from proposed new Well 11.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: <u>26,000</u>
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: <u>34,300</u> (20 year projection)
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved 12/3/2010. Water System Number: <u>82850P</u>	
Name of water system: <u>Spanaway Water Company</u>	
Are you within the service area of an existing water system? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system: <u>Within service area of Spanaway Water Company.</u>	

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock: _____

Is the proposed project for a dairy farm? ☐ YES ☐ NO

Other Proposed Farm Uses

Describe all proposed uses: _____

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head _____ and proposed capacity in kilowatts: _____

Describe works: _____

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and utilizing water: _____

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES ☒ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☐ NO

If you answered yes to any of the above questions, please describe: _____

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: The Well 11 site is located in close proximity to the Spanaway Water Company Office whose address is 18413 B St. East, Spanaway, WA 98387. From I-5, take WA-512 E. toward Puyallup, take WA-7/Pacific Avenue exit towards Parkland/Spanaway/Paradise, turn left onto 176th St. E, then turn right on B St.E. The Company office is located on left in about ½ mile.

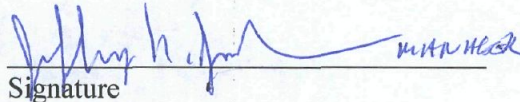
Site Address: Spanaway Water Company office is located at 18413 B. St. East, Spanaway, WA 98387.

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

JEFFREY N. JOHNSON

Print Name
(Applicant or authorized representative)



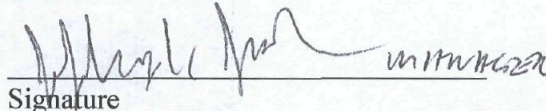
Signature

1/27/14

Date

JEFFREY N. JOHNSON

Print Name
(Legal Owner or Part Owner Place of Use)



Signature

1/27/14

Date

Print Name
(Legal Owner or Part Owner Place of Use)

Signature

Date

Please check the region in which the project is located:

*Submit your application to: DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input type="checkbox"/> Northwest Regional Office 3190 – 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input checked="" type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.

Spanaway Water Rights Self-Assessment (revised per DOE Comments August 10, 2010)

Permit Certificate #		Well ID Number	Name of Rightholder or Claimant	Priority Date	Purpose of Use	Source Number	Primary or Supplemental	Existing Water Rights		Running Total of Primary Rights
								Maximum Instantaneous Flow Rate (gpm) (Qi)	Maximum Annual Volume (acre-feet) (Qa)	(as discussed with Department of Ecology)
Well	Permits/ Certificates	Well ID Number								
1	4851C	ABS146	Spanaway Water Co.	2/19/1963	municipal	S01	Primary	252	403	403.0
							Supplemental			
2	G2-20177C	ACN792	Spanaway Water Co.	4/21/1972	municipal	S02	Primary	1000	800	1203.0
							Supplemental			
3	G2-20178C	ABS145	Spanaway Water Co.	4/21/1972	municipal	S03	Primary	500	400	1603.0
							Supplemental			
4	G2-20179C	Not Available	Spanaway Water Co.	4/21/1972	municipal	NA	Primary	200	160	1763.0
							Supplemental			
5	G2-20180C	*ACY117(old) *AEC945(new)	Spanaway Water Co.	4/21/1972	municipal	S04	Primary	550	213	1976.0
							Supplemental		227	
7, 5	G2-20182C	*AEC945(new 5)	Spanaway Water Co.	4/21/1972	municipal	S05	Primary	3000	44	2020.0
							Supplemental		2400	
8	G2-24502C	ACY118	Spanaway Water Co.	4/7/1977	municipal	S07	Primary	465	619	2639.0
							Supplemental		125	
9	G2-25963C	ACN730	Spanaway Water Co.	7/27/1981	municipal	S08	Primary	1250	145.5	2784.5
							Supplemental		1015.5	
2A	G2-27245C	ACN793	Spanaway Water Co.	12/9/1987	municipal	S10	Primary	900	160	2944.5
							Supplemental		560	
S1	G2-26091C	ABS147	Spanaway Water Co.	2/19/1982	municipal	S11	Primary	90	27	2971.5
							Supplemental			
S2	G2-26991C	ABS148	Spanaway Water Co.	10/2/1986	municipal	S12	Primary	800	31	3002.5
							Supplemental		27	
(S2)	G2-27957C	As above ABS148	Spanaway Water Co.	11/5/1990	multiple domestic	S12	Primary	800		3002.5
							Supplemental		9	
4	G2-27958P	ACK121	Spanaway Water Co.	11/5/1990	municipal	S14	Primary	1200	1065	4067.5
							Supplemental			
6	G2-28697P	AEC909	Spanaway Water Co.	12/2/1992	municipal	S15	Primary			4067.5
		Not positive on the EC in the Well ID as tag damaged on construction					Supplemental	1200	1290	
Claims: None										
Relinquished Water Rights										
SI-1	G2-24376C		Spanaway Water Co.	12/20/1976	community domestic	NA	Primary	115	22.5	
SI-2	G2-25506C		Spanaway Water Co.	2/29/1980	community domestic		Supplemental	40	32.3	
TOTAL							Primary	11007 gpm	4067.5 af	4067.5
							Supplemental		5653.5 af	

*ACY117 is retained as a monitoring well, AEC945 is the new replacement production well

EXHIBIT 2